

```
import java.awt.*;  
import java.awt.event.*;  
public class Divisions extends Frame  
implements ActionListener.
```

```
{  
    Dialog d;  
    TextField Num1, Num2, result;  
    Button Divide;  
    public Divisions ()  
    {  
        Set Layout (new FlowLayout());  
        setSize (800, 800);  
        Num1 = new TextField(10);  
        Num2 = new TextField(10);  
        result = new TextField(10);  
        Divide = new Button ("DIVIDE");  
        add (new Label 1 ("Enter 1st no."));  
        add (Num1);  
        add (new Label 2 ("Enter 2nd number"));  
        add (Num2);  
add new  
        add new Label ("Result");  
        add (result);  
        add (Divide);  
        Divide . add ActionListener (this);  
        setVisible (true);  
        add WindowListener ("new My Window  
        (new My Window Adapter);  
    }  
}
```



```

public void actionPerformed(ActionEvent ae)
{
    if (ae.getSource() == Divide)
    {
        try
        {
            result.setText(Integer.toString((Integer.parseInt(
                Num1.getText().trim()) / Integer.parseInt(
                Num2.getText().trim()))));
        }
    }
}

```

~~Catch Arithmetic Expression~~

```

Catch(ArithmeticException aex)
{
    Dia d1 = new Dia ("Arithmetic Exception");
    d1.setVisible(true);
}
Catch(NumberFormatException nfe)
{

```

```

    Dia d2 = new Dia ("Number Format Exception");
    d2.setVisible(true);
}
}

```

```

public static void main(String args[])
{
    new Divisions();
}
class Dia extends Dialog implements
    ActionListener {

```

```

        Button ok;
        Dia (String str) {

```

```

            super (new Frame(), str, true);
            ok = new Button("OK");
            setLayout(new FlowLayout());
            setSize(300, 200);
            add(ok);
        }
    }
}

```

```
OK. addActionListener(this);
addWindowListener(new MyWindowAdapter());
{
    public void actionPerformed(ActionEvent ae)
    {
        setVisible(true);
    }
}
class MyWindowAdapter extends WindowAdapter
{
    public void windowClosing(WindowEvent we)
    {
        System.exit(0);
    }
}
}
```